

## Port of Redwood City

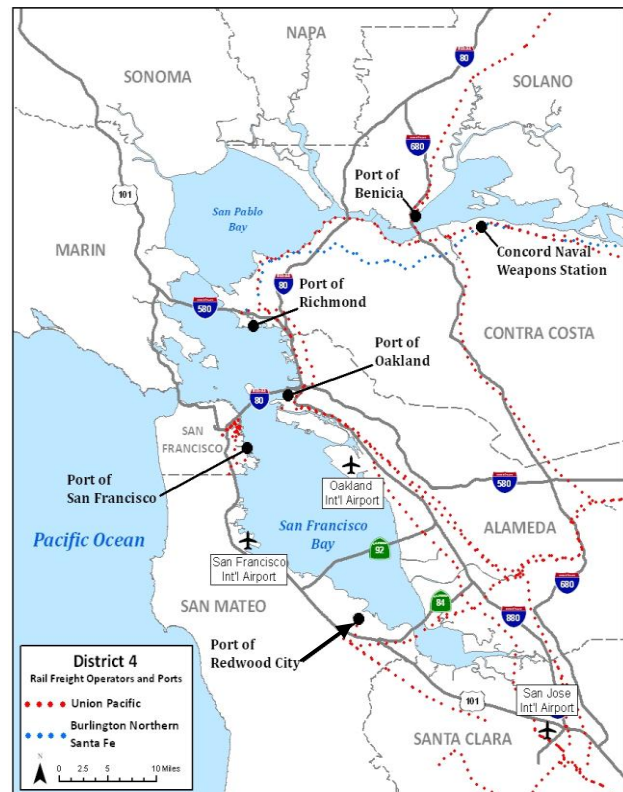
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The Port of Redwood City (Port) is located in San Mateo County, approximately 25 miles southeast of San Francisco, on the east banks of Redwood Creek, and is the only deepwater port in South San Francisco Bay. The Port is located between San Francisco and the rapidly growing, highly technological Silicon Valley.

Established by the Redwood City (City) Charter in 1937, the Port is owned by the City, is self supporting, and receives no tax dollars. Approximately 75% of Port's revenue is from marine activities and the remainder is from rent and commercial leases. About 10% of the Port's revenues are given to the City annually.

The Port offers many recreational opportunities, has public access to the San Francisco Bay, and has significant expanses of natural habitat area in its immediate proximity.

The Port handles mostly dry-bulk, neon-bulk, and liquid bulk cargoes. Land uses at the Port mainly consist of handling, processing, storage and transportation of imported construction materials, scrap metal exports, construction debris for recycling, and chemicals.



### PORT INFRASTRUCTURE

Channel Depth	30' MLLW*
Deepwater Berths	3
Wharves	5
Acres	120 (70 maritime)
Acres for Expansion	9
Waterfront	1+ mile
Rail	On site

\*MLLW – Mean Lower Low Water

### PORT TRADE CHARACTERISTICS

<u>TRADE PARTNERS</u>	<u>IMPORTS</u>	<u>EXPORTS</u>
China	Cement	Scrap Metal
Korea	Gypsum	Rock
Japan	Bauxite	Non-ferrous metals
Mexico	Sand	
Australia	Building Aggregates	

# Freight Planning Fact Sheet

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## PORT TRADE CHARACTERISTICS (CONT.)

- Port is home to the U.S. Geological Service vessel, Polaris, which conducts research on seismic conditions, water quality, and geology in the Bay Area
- Fastest growing “small” bulk port in California
- The Port is predicted to grow by 30% between 2005 and 2035 due to increased population driving up construction needs in the immediate area

## KEY PLANNING & PARTNER AGENCIES

- Metropolitan Transportation Commission (MTC)
- City/County Association of Governments (C/CAG) of San Mateo County
- The San Francisco Bay Area Water Emergency Transportation Authority
- Ports of San Francisco, Stockton, and Richmond
- Bay Conservation and Development Commission (BCDC)
- Association of Bay Area Governments (ABAG)
- Bay Area Air Quality Management District (BAAQMD)
- U.S. Army Corps of Engineers
- U.S. Environmental Protection Agency
- U.S. Maritime Administration (MARAD)
- U.S. Fish and Wildlife Service

## MAJOR PORT PROJECTS

- Golden State Marine Highway Initiative, M-5 Marine Highway Corridor – Joint effort with the Ports of Hueneme, San Diego, and Humboldt Bay to develop an alternative to domestic north-south freight traffic along I-5. (\$275,000 MARAD Grant).
- Redwood City Harbor Operations and Maintenance Project (channel dredging).
- Sims Metal one of the largest exporters of recycled materials in Bay area invested \$14 million in Port (2011)
- Redevelop wharves 1 and 2 to support dry bulk materials (Estimated to start August 2012)

## PLANNING DOCUMENTS AND STUDIES

- Bay Area Plan 2040 – March 2011  
MTC, ABAG, BAAQMD, BCDC
- San Francisco Bay Area Seaport Plan, BCDC, April 18, 1996, amended through January 2007
- Growth of California Ports: Opportunities and Challenges, April 2007
- Redwood City General Plan, adopted October 2010
- San Francisco Bay Area Water Emergency Transportation Authority (WETA) Emergency Water Transit Plan (2007) – Port is strategically located between the Dumbarton Bridge and the San Mateo Bridge and building a Redwood City ferry terminal would be a crucial link. This \$1.6 billion project features 88 new vessels and multiple portable piers.
- Strategic Assessment of Maritime Business, February 2008
- San Francisco Bay Plan, BCDC, Amended October 6, 2011
- MTC Goods Movement Initiatives, 2009 Update

## MAJOR PORT ISSUES

- Channel drafts are as low as 26’ due to constant silting and tides forcing vessels to light load and top off at other ports
- Channel dredging – no clearly defined funding or schedule
- Poor truck and highway access
- Limited intermodal road and rail access
- Lack of diversification -- no break bulk or containerized cargo
- Building materials demand down due to poor economy
- Bulk commodities need to be under cover
- Competition from ports with deeper channels
- Adjacent Port land value challenges with encroaching residential, commercial, and recreational development
- Limited funding to maintain infrastructure
- The 30’ channel depth and the height restrictions on the San Mateo bridge (135’) place limits on vessels that can access Port
- Insufficient land and infrastructure (shore cranes and warehouses) to handle break bulk cargo

# Freight Planning Fact Sheet

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## CALTRANS FOCUS AREAS

- Community environmental concerns
- Improved truck access
- Increased auto traffic from salt works land development
- US 101 bottleneck issues -- construction of a new Woodside Road/Seaport Boulevard interchange at US 101, a critical bottleneck, is included in the Plan Bay Area 2040 update

## SURFACE TRANSPORTATION NETWORK

- Direct port access: US 101
- Overweight truck corridor: US-101
- Nearby routes: SR 84, SR 92, and I-880

## INTERMODAL CONNECTIONS

### TRUCKING

- Truck access to Port is along Frontage Road and Seaport Boulevard
- Imported construction materials, due to their low value and highway trucking costs, will not likely move to other ports, since they are consumed in the immediate area

### RAIL

- Union Pacific Railroad (Class 1)
- Tracks run along boundary of Port property
- Port owns/maintains tracks on Port property

### RAIL ISSUES

- Existing rail volumes are low, because Port cannot handle large trains and current trucking costs are far less expensive for shippers

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## SOURCES AND ADDITIONAL INFORMATION

- American Association of Port Authorities (AAPA): <http://www.aapa-ports.org/home.cfm>
- BAAQMD: <http://www.baaqmd.gov/>
- Bay Area Plan 2040: [http://www.onebayarea.org/pdf/Plan\\_Bay\\_Area\\_Report.pdf](http://www.onebayarea.org/pdf/Plan_Bay_Area_Report.pdf)
- C/CAG of San Mateo County: <http://www.ccag.ca.gov/>
- California Air Resource Board: <http://www.arb.ca.gov>
- California Ports: <http://www.californiaports.org/>
- Caltrans Seaport Website: <http://www.dot.ca.gov/hq/tpp/offices/ogm/seaports.html>
- Expanding short-sea shipping in California Environmental Impacts: [http://libcloud.s3.amazonaws.com/93/b9/8/260/1/Short\\_Sea\\_Shipping.pdf](http://libcloud.s3.amazonaws.com/93/b9/8/260/1/Short_Sea_Shipping.pdf)
- Goods Movement Land Use Project for San Francisco Bay Area – December 2008 (MTC): [http://www.mtc.ca.gov/planning/rgm/final/Final\\_Summary\\_Report.pdf](http://www.mtc.ca.gov/planning/rgm/final/Final_Summary_Report.pdf)
- Growth of California Ports: Opportunities & Challenges, April 2007 by California Marine and Intermodal Transportation System Advisory Council (CALMITSAC): [http://hydra.usc.edu/scehsc/web/Resources/Reports%20and%20Publications/CALMITSAC%20Report\\_California%20Ports\\_4-2007.pdf](http://hydra.usc.edu/scehsc/web/Resources/Reports%20and%20Publications/CALMITSAC%20Report_California%20Ports_4-2007.pdf)
- MARAD: [http://www.marad.dot.gov/documents/MarineHighway\\_Initiative\\_Descriptions\\_Designated.pdf](http://www.marad.dot.gov/documents/MarineHighway_Initiative_Descriptions_Designated.pdf)
- MTC Home Page: <http://www.mtc.ca.gov/>
- San Francisco Bay Area Seaport Plan, MTC and San Francisco Bay Conservation and Development Commission (BCDC), January 2007: <http://www.bcdc.ca.gov/pdf/planning/plans/seaport/seaport.pdf>
- San Francisco Bay Area Water Emergency Transportation Authority: [http://www.watertransit.org/proposedRoutes/redwood\\_overview.aspx](http://www.watertransit.org/proposedRoutes/redwood_overview.aspx)
- Strategic Assessment of Maritime Business, February 2008: [http://www.redwoodcityport.com/Reports/TranSystems\\_Report\\_02\\_01\\_08.pdf](http://www.redwoodcityport.com/Reports/TranSystems_Report_02_01_08.pdf)
- Water Quality of San Francisco Bay, U.S. Geological Survey: <http://sfbay.wr.usgs.gov/access/wqdata/index.html>
- World Port Source: [http://www.worldportsource.com/ports/index/USA\\_CA.php](http://www.worldportsource.com/ports/index/USA_CA.php)